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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/015,965	11/30/2001	Yannick Vincent	FR 000130	6951
24737	7590	11/20/2003		EXAMINER
PHILIPS INTELLECTUAL PROPERTY & STANDARDS			NGUYEN, KIMBERLY D	
P.O. BOX 3001			ART UNIT	PAPER NUMBER
BRIARCLIFF MANOR, NY 10510			2876	

DATE MAILED: 11/20/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No.	Applicant(s)
	10/015,965	VINCENT, YANNICK
	Examiner Kimberly D. Nguyen	Art Unit 2876

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

Extension of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after the (6) MONTHS from the mailing date of this communication.

- If the period for reply is specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If no period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) Responsive to communication(s) filed on 23 September 2003.
  - 2a) This action is FINAL.      2b) This action is non-final.
  - 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.
- Disposition of Claims**
- 4) Claim(s) 1-9 is/are pending in the application.
  - 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
  - 5) Claim(s) \_\_\_\_\_ is/are allowed.
  - 6) Claim(s) 1-9 is/are rejected.
  - 7) Claim(s) \_\_\_\_\_ is/are objected to.
  - 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. §§ 119 and 120**

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) All b) Some \* c) None of:
    1. Certified copies of the priority documents have been received.
    2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 13) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
  - a) The translation of the foreign language provisional application has been received.
- 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

**Attachment(s)**

- 1) Notice of References Cited (PTO-892)
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_.
- 4) Interview Summary (PTO-413) Paper No(s) \_\_\_\_\_.
- 5) Notice of Informal Patent Application (PTO-152)
- 6) Other: \_\_\_\_\_

**DETAILED ACTION**

*Amendment*

1. Acknowledgement is made of Amendment filed 23 September 2003.

*Priority*

2. Acknowledgment is made of applicant's claim for foreign priority based on an application filed in France on 5 December 2000. It is noted, however, that applicant has not filed a certified copy of the foreign application as required by 35 U.S.C. 119(b).

*Claim Rejections - 35 USC § 102*

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1, 3, 5, 7, and 9 are rejected under 35 U.S.C. 102(b) as being anticipated by Chiang (US 6,574,776).

Chiang teaches a data processing system, comprising:

a EDC/ECC-P processor 13/15, which serves as a microprocessor (see fig. 1),

a communication device communicating with an electronic module (i.e. memory unit 11, which serves as electronic module) intended to send a conventional signal to the microprocessor (i.e., providing data communication between memory unit 11 and the processors; see col. 1, line 66 through col. 2, line 26); and

a hardware circuit allowing an inversion an order of bits of a word as a function of a value of the conventional signal during a transfer of the word between the electronic module 11 and the microprocessor (fig. 7; col. 6, line 59 through col. 7, line 48).

***Claim Rejections - 35 USC § 103***

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 2 and 6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Chiang in view of Van Rensburg et al. (US 2003/0004891; hereinafter "Van Rensburg"). The teachings of Chiang have been discussed above.

Chiang fails to teach or fairly suggest the electronic module is a Subscriber Identity Module (hereinafter "SIM")card.

Van Rensburg teaches the electronic module 2 is a SIM card (fig. 2; paragraphs 41 and 50).

It would have been obvious to an artisan of ordinary skill in the art at the time the invention was made to incorporate the SIM card as taught by Van Rensburg to the teachings of Chiang in order to employ memory card, such as SIM card, for conducting commercial transactions including a large number of participating system members.

7. Claims 4 and 8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Chiang in view of Muwafi et al. (US 5,978,822; hereinafter "Muwafi"). The teachings of Chiang have been discussed above.

Chiang fails to teach or fairly suggest the hardware circuit comprising a switch, a right shift register and a left shift register electrically connected to the switch.

Muwafi teaches a circuit which comprises switches (fig. 9, lines 19-25) and a post shift unit 80 to shift (to the left or right) the bits of each value processed (fig. 5; col. 8, lines 31-45).

It would have been obvious to an artisan of ordinary skill in the art at the time the invention was made to incorporate the notoriously old and well known the order of bits of the word as taught by Muwafi to the teachings of Chiang in order to provide the instant system with a reduction of time for processing operations.

#### *Response to Arguments*

8. Applicant's arguments filed 23 September 2003 have been fully considered but they are not persuasive.

9. In response to Applicant's argument that "...Chiang fails to teach or suggest an inversion by EDC Bit Order Inverter of the 32 bit values from the linear feedback shift register as a function of the value of the data during a transfer of the word between electronic module 11 and microprocessors 13/15." The Examiner respectfully submits that "the 32 bit values from the linear feedback shift register is a function of the value of the data during a transfer of the word between electronic module 11 and microprocessors 13/15" (see fig. 7; col. 6, lines 59-63).

#### *Conclusion*

10. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO

MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kimberly D. Nguyen whose telephone number is 703-305-1798. The examiner can normally be reached on Monday-Friday 7:30-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G. Lee can be reached on 703-305-3503. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-8792.

  
KDN  
6 November 2003



DIANE I. LEE  
PRIMARY EXAMINER